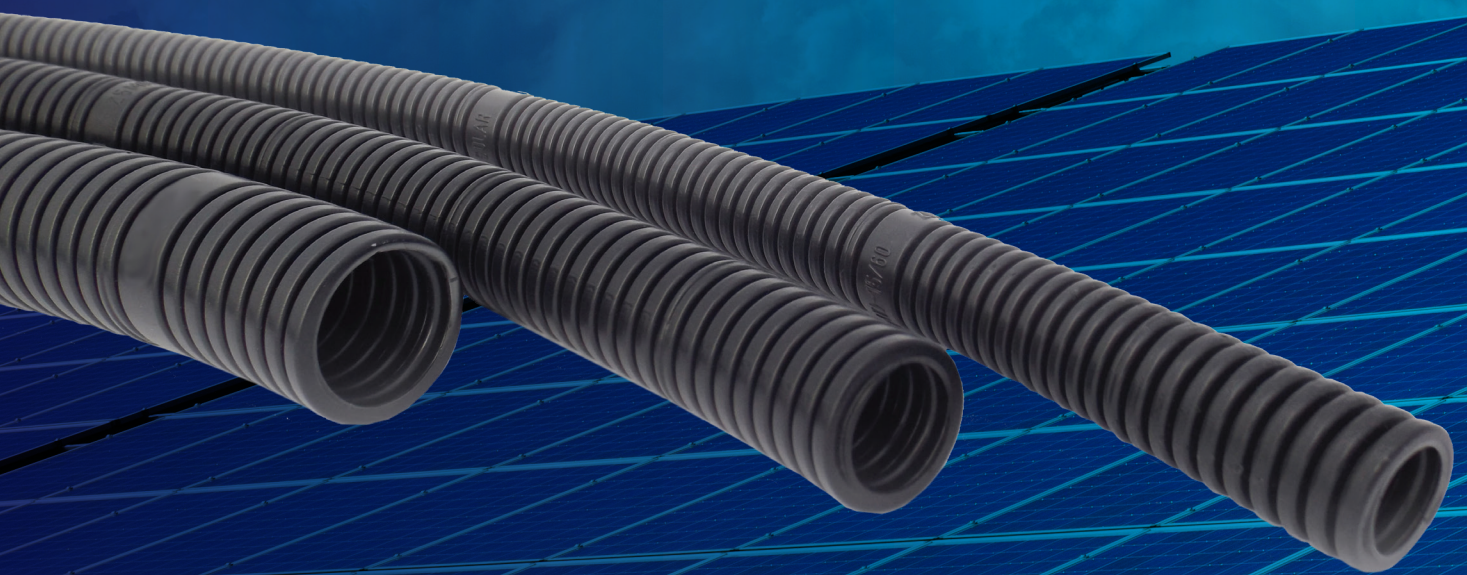


Cobalt Solar  
EXCLUSIVE

# HEAVY DUTY SOLAR CONDUIT



Leaders in Solar Component  
Design and Manufacture

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# FLEXIBLE CORRUGATED CONDUIT

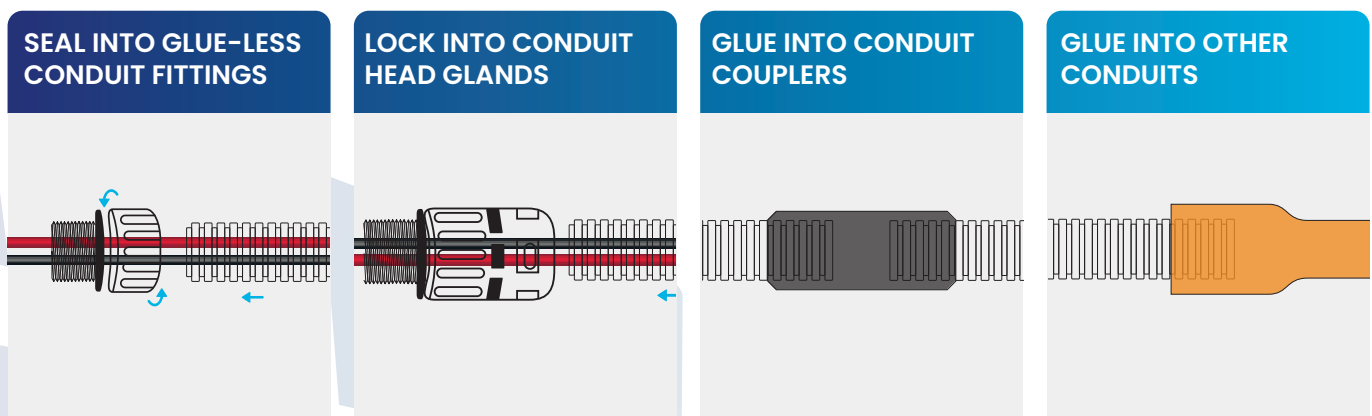
Solar Heavy-Duty

Manufactured in Australia from high grade uPVC and designed for long term exposure to extreme conditions. Cobalt Solar Conduit, the superior option for every installation.

- Compatible with standard PVC fittings & PVC glue
- Superior UV (T) stabilisation
- Robust crush & impact ratings
- Designed for Australian conditions
- Manufactured to AS/NZS 2053
- Suitable for Compliance to AS/NZS 5033



SIZE		PART NO.
20mm	20mm OD on a 20 Meter Roll	CSE-HD-FC-20-20M
25mm	25mm OD on a 50 Meter Roll	CSE-HD-FC-25-50M
32mm	32mm OD on a 25 Meter Roll	CSE-HD-FC-32-25M
40mm	40mm OD on a 25 Meter Roll	CSE-HD-FC-40-25M
50mm	50mm OD on a 25 Meter Roll	CSE-HD-FC-50-25M
63mm	63mm OD on a 10 Meter Roll	CSE-HD-FC-63-10M



<p><b>V0</b></p> <p>SELF EXTINGUISHING</p>	<p>WATER PROOF</p>	<p>-5 ~ 60°C TEMP RANGE</p>	<p>EXCEPTIONAL FLEXIBILITY</p>	<p>DESIGN FOR PV</p>	<p>HD AS/NZ 2053</p>	<p>UV STABILIZED</p>	<p>AUSTRALIAN MADE</p>
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# FLEXIBLE CORRUGATED CONDUIT

## Data Sheet

CORRUGATED CONDUIT						
PART NUMBER	CSE-HD-FC-20-20M	CSE-HD-FC-25-50M	CSE-HD-FC-32-25M	CSE-HD-FC-40-25M	CSE-HD-FC-50-25M	CSE-HD-FC-63-10M
SIZE	20MM	25MM	32MM	40MM	50MM	63MM
ROLL LENGTH	20 METERS	50 METERS	25 METERS	25 METERS	25 METERS	10 METERS
AVAILABILITY	SPECIAL ORDER ONLY	IN STOCK		SPECIAL ORDER ONLY		
TO SUIT	STATIC SOLAR & OUTDOOR USE					
OUTSIDE DIAMETER (OD)	20MM (+/- 0.3MM)	25MM (+/- 0.4MM)	32MM (+/- 0.4MM)	40MM (+/- 0.4MM)	50mm (+/- 0.5mm)	63mm (+/- 0.6mm)
INSIDE DIAMETER (ID)	14MM (+/- 0.3MM)	18.2MM (+/- 0.4MM)	23.8MM (+/- 0.4MM)	32.6MM (+/- 0.4MM)	41mm (+/- 0.5mm)	52mm (+/- 0.6mm)
FLEXIBILITY	BLACK (RAL 9011)					
UV PROTECTION	VERY HIGH (T)					
CRUSH RESISTANCE	HD (HEAVY DUTY)					
COMPRESSION RESISTANCE (AS/NZS 2053)	1250 N/ 50MM					
IMPACT RESISTANT (IK RATING)	6 JOULES (IK08+)					
DIELECTRIC STRENGTH	10 – 40 kV/MM					
TEMPERATURE RANGE	-5 TO +60°C					
IP RATING	IP66 & IP67					
FIRE RATING (UL 94)	V0 (NON-FLAME PROPAGATING)					
WARRANTY	10 YEARS					
REPLACE	AT 15 YEARS					
MATERIAL	uPVC					
CUSTOM SIZES AVAILABLE	YES					
MADE IN AUSTRALIA	YES					
RODENT REPELLENT	NON-ATTRACTING					
GROUND CONTACT RATED	YES					
TERMITE RESISTANCE	YES					
CHEMICAL RESISTANCE	SALT, WEAK ACID, ALCOHOL, OIL, GREASE & SOME SOLVENTS					
RoHS COMPLIANCE	YES, LEAD FREE & HEAVY METALS FREE					

### NOTES



# CONDUIT COUPLER

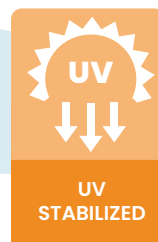
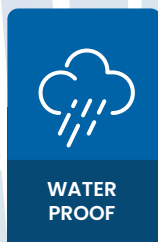
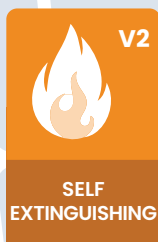
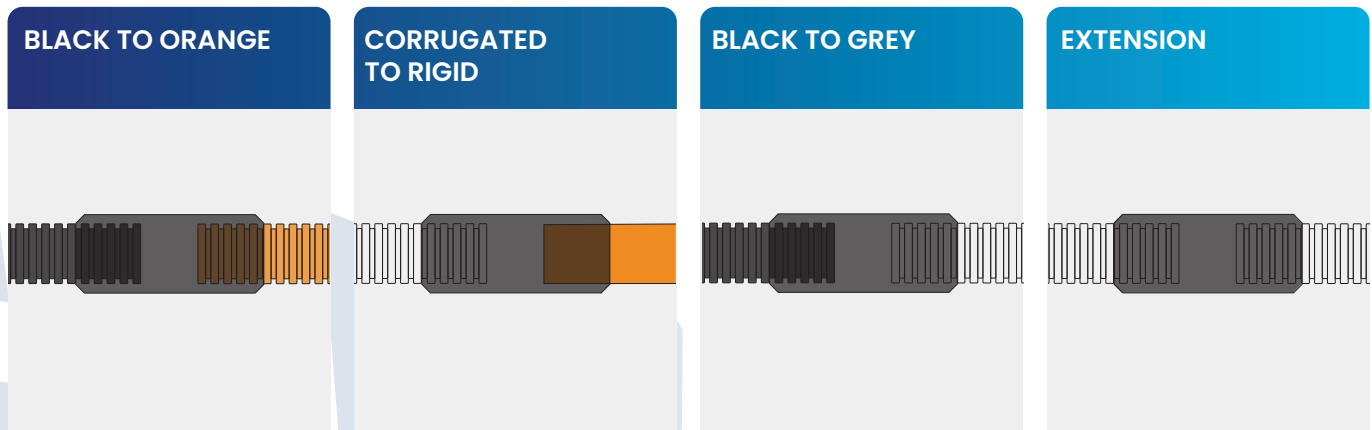
## Plain Female to Female

Sleek coupling designed to match Corrugated and Rigid PVC Conduit. Made from high grade uPVC and designed for long term exposure to extreme conditions.

- Superior UV (T) Stabilisation
- Compatible with all Standard Conduits & PVC Glue
- Designed for Australian Conditions
- Manufactured to AS/NZS 2053
- Suitable for Compliance to AS/NZS 5033



SIZE		PART NO.
20mm	F-F Plain Coupling	CSE-HDF-GCC-20
25mm	F-F Plain Coupling	CSE-HDF-GCC-25
32mm	F-F Plain Coupling	CSE-HDF-GCC-32



# CONDUIT COUPLERS

## Data Sheet

PLAIN FEMALE – FEMALE COUPLERS			
PART NUMBER	CSE-HDF-GCC-20	CSE-HDF-GCC-25	CSE-HDF-GCC-32
SIZE	20MM	25MM	32MM
AVAILABILITY	IN STOCK		
SUITS	STATIC SOLAR & OUTDOOR USE		
SUITS CONDUIT	RIGID & CORRUGATED (BLACK, GREY, WHITE & ORANGE)		
COLOUR	BLACK (RAL 9011)		
UV PROTECTION	VERY HIGH (T)		
CRUSH RESISTANCE	HD (HEAVY DUTY)		
TEMPERATURE RANGE	-5 TO +60°C		
IP RATING	DUST & WATER TIGHT		
FIRE RATING (UL 94)	V2 (NON-FLAME PROPAGATING)		
WARRANTY	10 YEARS		
REPLACE	AT 15 YEARS		
MATERIAL	uPVC		
CUSTOM SIZES AVAILABLE	YES		
MADE IN AUSTRALIA	YES		
RODENT REPELLENT	NON-ATTRACTING		
GROUND CONTACT RATED	YES		
TERMITE RESISTANCE	YES		
CHEMICAL RESISTANCE	SALT, WEAK ACID, ALCOHOL, OIL, GREASE & SOME SOLVENTS		
RoHS COMPLIANCE	YES, LEAD FREE & HEAVY METALS FREE		

### NOTES

# GLUE-LESS CONDUIT FITTINGS

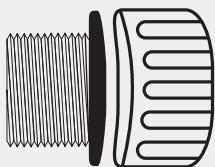
Product

Designed for corrugated conduit entries to enclosures providing an IP66 seal. Cobalt Solar Glue-less conduit fittings are simple to use and a must for all installers looking to improve system quality and install time. Give them a try you won't be disappointed.

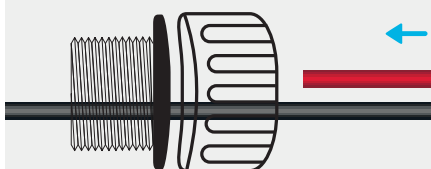
- Can be installed, uninstalled and reinstalled with ease
- Superior aesthetics
- Conduit grip ring



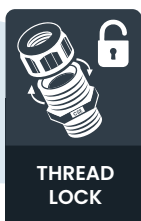
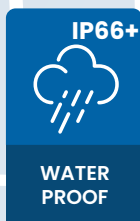
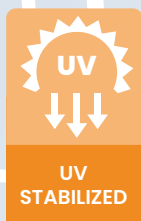
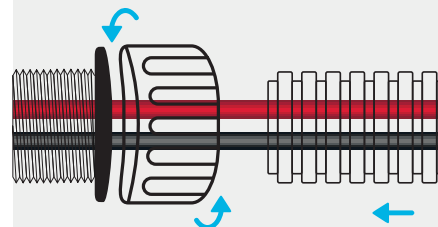
1. THREAD FITTING INTO ENCLOSURE OR USE LOCKING NUT



2. INSERT CABLES THROUGH FITTING



3. PUSH IN CONDUIT AND TIGHTEN



# GLUE-LESS CONDUIT

## Data Sheet

Glue-less Conduit T	
PART NUMBER	CSE-WTF-T-...
TO SUIT	CORRUGATED CONDUIT
SUITS CONDUIT SIZE	20MM - 50MM
COLOUR	BLACK
IP RATING (CABLE/S SEAL)	IP66 & IP67
FIRE RATING (UL 94)	V2
CRUSH RESISTANCE	HD
TEMPERATURE RANGE	-40 TO +100°C
UV PROTECTION	HIGH
WARRANTY	10 YEARS
REPLACEMENT SCHEDULE	AT 15 YEARS
BODY MATERIAL	HIGH UV NYLON
SEAL MATERIAL	EPDM RUBBER
CONDUIT GRIP RING	YES
LOCKING GLAND HEAD	YES
SEALANT REQUIRED	NO
CUSTOM SIZES AVAILABLE	YES
CHEMICAL RESISTANCE	SALT, WEAK ACID, ALCOHOL, OIL, GREASE & SOME SOLVENTS

### NOTES



# Leaders in Solar Component Design and Manufacture



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ENERGY

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